Ham-Space Digest   Wed, 28 Sep 94   Volume 94 : Issue 272

Today's Topics:
                          2-line keps
                Amateur Static Satellite Tracking
                       AMSAT Newsgroups
                      ANS-267 BULLETINS
         Mac sat antenna-positioning program ? (2 msgs)
                  Mirage mast mounted preamps
                     Need file x-fer help!
                      NOAA 11 problems ?
    The HamSat Handbook- has the satellite Freqs ur looking for
                      Two-Line Elements
                        Voyager CD.
                      Where is MacSpoc ?

Date: 27 Sep 94 13:30:05 GMT
From: news-mail-gateway@ucsd.edu
Subject: 2-line keps
To: ham-space@ucsd.edu

Howdy! I was wondering if anyone knows where I might anonymous FTP to for
up-to-date 2-line keps data. Right now my local PBBS is down, and I had
a hunch that maybe they're available on the internet...

73s
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********************************************************************************
* Talk to ya, Dave                           Attention all Skydivers: *
*                                             Until you've jumped      *
* Michigan Technological University           into pitch blackness     *
* Where it's too &&@#% cold!                  at 1250 feet with 80      *
* dmgillah@mtu.edu                            pounds of combat gear,    *
* kb8por@w8yy.upmi.mi.usa.na                  YOUR STILL A LEG !!!      *
********************************************************************************
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Date: 27 Sep 1994 09:06:50 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!EU.net!
Germany.EU.net!news.dfn.de!scsing.switch.ch!sun.rediris.es!diable.upc.es!
caralt@network.ucsd.edu
Subject: Amateur Static Satellite Tracking
To: ham-space@ucsd.edu

Date: 26 Sep 1994 23:01:08 -0400
From: agate!howland.reston.ans.net!swiss.ans.net!newstf01.cr1.aol.com!
newsbf01.news.aol.com!not-for-mail@ames.arpa
Subject: AMSAT Newsgroups
To: ham-space@ucsd.edu

Does anyone know of any other newsgroups or mailing lists run by AMSAT? I
was only able to find this one and a mailing list specifically for
distribution of kep's. Thanks. ...Marty WB9EVH

Date: Sun, 25 Sep 1994 11:43:11 MST
From: sdd.hp.com!spool.mu.edu!howland.reston.ans.net!news.sprintlink.net!
redstone.interpath.net!ddsw1!godot.cc.duq.edu!newsfeed.pitt.edu!ctc.com!
news.mic.ucla.edu!news.bc.net@ihnp4.ucsd.edu
Subject: ANS-267 BULLETINS
To: ham-space@ucsd.edu

SB SAT @ AMSAT $ANS-267.01
WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 260.01 FROM AMSAT HQ
SILVER SPRING, MD SEPTEMBER 24, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-267.01

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Weekly OSCAR Status Reports: 24-SEP-94

AO-13: Current Transponder Operating Schedule:
   N QST *** AO-13 TRANSPONDER SCHEDULE ***  1994 Sep 12 - Dec 19
   Mode-B  : MA  30 to MA 150 |<- OFF Oct 22 - Nov 07 for eclipses
   Mode-B  : MA 150 to MA 190 |       max duration 2h 12m
   Mode-BS : MA 190 to MA 218 |
   Mode-S  : MA 218 to MA 220 |<- S beacon only
   Mode-S  : MA 220 to MA 230 |<- S transponder; B trsp. is OFF
   Mode-B  : MA 230 to MA  30 |       Blon/Blat 230/0
   Omnis   : MA 250 to MA 140 |  Move to attitude 180/0, Dec 19
  The battery charge state is of paramount importance during the eclipse
  seasons.  As always the command team may have to have to make temporary
  changes to the published schedule.  In that case we will try to minimize
  the inconvenience, setting Mode-B OFF from MA 230-256 in the first
  instance.
=============================================================================
[G3RUH/DB2OS/VK5AGR]

AO-16: WD0E reports that as of 03:30 UTC 21-SEP-94 the AO-16 File Server is
open and returned to general use.  The AO-16 Command Team would like to
thank everyone for their patience during this important "Preventive Main-
tenance" software reload.  [WD0E].

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly
OSCAR status reports.  If you have a favorite OSCAR which you work on a
regular basis and would like to contribute to this bulletin, please send
your observations to WD0HHU at his CompuServe address of 70524,2272, on
INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO
area, WD0HHU @ N0QCU.  Also, if you find that the current set of orbital
elements are not generating the correct AOS/LOS times at your QTH, PLEASE
INCLUDE THAT INFORMATION AS WELL.  The information you provide will be of
value to all OSCAR enthusiasts.

/EX

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Date: Mon, 26 Sep 1994 22:55:29 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.sprintlink.net!demon!
betanews.demon.net!news@network.ucsd.edu
Subject: Mac sat antenna-positioning program ?
To: ham-space@ucsd.edu

In article <1994Sep26.021711.1@violet.ccit.arizona.edu>,
dpalik@violet.ccit.arizona.edu writes:
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>
> Is there a Macintosh satellite computer-tracking and
> antenna-control/positioning program out there anywhere ?
>
> Thanks,
>
> Don Palik
> dpalik@ccit.arizona.edu
Hello Don,

Try "OrbiTrack," it's a shareware sat tracking programme for the Mac
and includes rotor control using the KR-101 interface.

You can download a copy from,

ftp.demon.co.uk           /pub/ham/mac

You'll also find a pretty large selection of other Ham programmes for
the Mac in the same directory.

Regards,

Sean.

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Date: 28 Sep 94 04:48:14 GMT
From: news-mail-gateway@ucsd.edu
Subject: Mac sat antenna-positioning program ?
To: ham-space@ucsd.edu

> Is there a Macintosh satellite computer-tracking and
> antenna-control/positioning program out there anywhere ?
>
> Thanks,
>
> Don Palik
> dpalik@ccit.arizona.edu

kelly 8% ftp -i oak.oakland.edu
Connected to oak.oakland.edu.
220 oak.oakland.edu FTP server (Version wu-2.4(2) Sun Aug 14 14:49:48 EDT 1994)
ready.
[ much deleted ]
ftp> pwd
257 "/pub/hamradio/mac/space" is current directory.
ftp> dir
200 PORT command successful.
```

```
150 Opening ASCII mode data connection for /bin/ls.
total 1471
-rwxr-xr-x   1 wy1z      barc         67086 Mar 29  1994 MACSAT.USERS.GUIDE.HQX
-rwxr-xr-x   1 wy1z      barc        297011 Mar 29  1994 MACSAT30.DEMO.SIT.HQX
-rwxr-xr-x   1 wy1z      barc        408059 Mar 17  1994 OrbiTrack-2.1b14-folder.se
a.hqx
-rwxr-xr-x   1 wy1z      barc         97671 Feb 13  1992 dove.hqx
-rwxr-xr-x   1 wy1z      barc          3976 Feb 13  1992 dove.readme
-rwxr-xr-x   1 wy1z      barc         75907 Mar 17  1994 galaxy.txt.sea.hqx
-rwxr-xr-x   1 wy1z      barc        134892 Mar 17  1994 macastro.sea.hqx
-rwxr-xr-x   1 wy1z      barc         50008 Mar 17  1994 macdove.sea.hqx
-rwxr-xr-x   1 wy1z      barc         61460 Mar 15  1994 sat-quizzer-03.hqx
-rwxr-xr-x   1 wy1z      barc        257314 Mar 15  1994 sat-trak-102.hqx
226 Transfer complete.
ftp>
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I've tried sat-trak-102 and OrbiTrack. Couldn't master the Keps for SatTrack
without reading the documentation, but had no trouble with OrbiTrack. I don't
think either will automatically drive your rotators.

73, David N4HHE
dkelly@nebula.tbe.com

Date: 27 Sep 94 13:16:53 GMT
From: news-mail-gateway@ucsd.edu
Subject: Mirage mast mounted preamps
To: ham-space@ucsd.edu

Has anyone used the new Mirage mast mounted preamps for OSCAR use?
If so, what is your opinion compared with other units?
 Thanks, Mel W3MR
 robertsm@jsc.mil

Date: 26 Sep 1994 19:57:27 GMT
From: news1.digex.net!world.fx.net!fx.net!coyote@uunet.uu.net
Subject: Need file x-fer help!
To: ham-space@ucsd.edu

    I'm having problems with my stsorbit programs. The programs won't
read files that I ftp to my local unix machine, and then z-modem to my
pc. I can do a screen capture, and after editing out the footers on each
page, the programs can find the kelp data ok. I can edit the kelp data so
that the files look identical, but the programs can only read the kelp
data transfered by the screen capture mode. Anybody know whats happening

here? Any help would be greatly appreciated. Till later, Si B.

Date: Tue, 27 Sep 1994 12:58:10 GMT
From: comp.vuw.ac.nz!actrix.gen.nz!mklee@uunet.uu.net
Subject: NOAA 11 problems ?
To: ham-space@ucsd.edu

In article <93.1269.7587.0NFB3223@woodybbs.com> geoff.kennedy@woodybbs.com (Geoff
Kennedy) writes:
>Subject: NOAA 11 problems ?
>From: geoff.kennedy@woodybbs.com (Geoff Kennedy)
>Date: Wed, 21 Sep 94 00:48:00 -0500

>   NOAA 9 has been re-activated, and NOAA 10's APT (not sure about the
>rest of the stuff available) has been turned off, probably because it is
>conflicting with NOAA 12.

Yes, NOAA 10 & 12 are almost side-by-side now, and only approximately 3
minutes apart.

Mun-Kong Lee
mklee@actrix.gen.nz
Raumati Beach
New Zealand

Date: 26 Sep 94 13:53:27 GMT
From: fonorola!infoshare!whome!herboid!cattnts!ncrcan!coutts!wwg@uunet.uu.net
Subject: The HamSat Handbook- has the satellite Freqs ur looking for
To: ham-space@ucsd.edu

I've seen many posts over the months requesting satellite frequencies of
one satellite or another. I just got my copy of "The HamSat Handbook" by
Anthony R. "Tony" Curtis, K3RXK this morning. Flipping through this book
I am pleased to see an up to date (Feb 1993) description of all OSCAR
satellites, their history etc.

Chapter 1 covers the early history, titled "The First Space Satellites".

Chapter 2 "The Story of Orbital Satellites Carrying Amateur Radio"
discusses the history of all OSCARs to 1993+.

Chapter 3 is devoted to modes and frequencies used by the satellites.

(This would be the reference material that many are seeking, although
chapter 2 also provides a fair bit of good information).

Chapters 4 and 5 covers Space stations and SAREX.

And finally chapter 6 covers Balloons, meteors and EME etc.

To recap, if anyone wants more information on what's available up there,
I think that this is one very good source for amateur radio enthusiasts.

The HamSat Handbook,   (I'm not affiliated, just a satisfied
by Tony Curtis K3RXK   owner of the book!)
ISBN 0-936653-35-3   ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
$19.95 U.S.,   ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
Tiare Publications
  PO Box 493
  Lake Geneva, Wisconsin 53147 USA

Warren W. Gay VE3WWG   John Coutts Library Services Limited
wwg@coutts.UUCP   Niagara Falls, Ontario, Canada
(or wwg%coutts@uunet.ca, wwg%coutts@uunet.uu.net)

Date: Tue, 27 Sep 1994 13:01:00 GMT
From: comp.vuw.ac.nz!actrix.gen.nz!mklee@uunet.uu.net
Subject: Two-Line Elements
To: ham-space@ucsd.edu

The last set of two-line elements from Dr T Kelso was #464, which was quite a
while ago.

Have I been missing out?

Mun-Kong Lee
mklee@actrix.gen.nz
Raumati Beach
New Zealand

Date: 26 Sep 1994 20:58:04 -0400
From: newstf01.cr1.aol.com!newsbf01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Voyager CD.
To: ham-space@ucsd.edu

In article <89A8555.01E9000048.uuout@ledge.com>, pat.swovelin@ledge.com

(PAT SWOVELIN) writes:

>My question is: where can I get an audio copy, preferrably on CD, of the
>recording that was placed in the Voyager spacecraft.

   You might try Tiger Software at 800-238-4437.   A catalog I received
from them listed such a CD.   It is titled Murmers of Earth and comes in
DOS and Mac versions for $39.95 plus S&H.   I don't work for the folks nor
have I ordered anything from them so can't recommend them either way.

> Now I know this isn't the NASA store (if one exists)
  They do in Houston.   Had some fun stuff in the store.

Good Luck,
Terry KJ7F

Date: 27 Sep 94 02:33:05 MST
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!news.Cerritos.edu!news.Arizona.EDU!
milori.ccit.arizona.edu!dpalik@network.ucsd.edu
Subject: Where is MacSpoc ?
To: ham-space@ucsd.edu

Where can I find MacSpoc ?

Don Palik
dpalik@ccit.arizona.edu

End of Ham-Space Digest V94 #272
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